AV Mounting Systems
Q1-2011

smart® metals

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Our general terms and conditions will apply to all transactions; of which an example will be sent on the first request. By acceptance of any transaction, we wish to receive a signed copy of these general terms and conditions via fax nr.: +31(0)183-352909.

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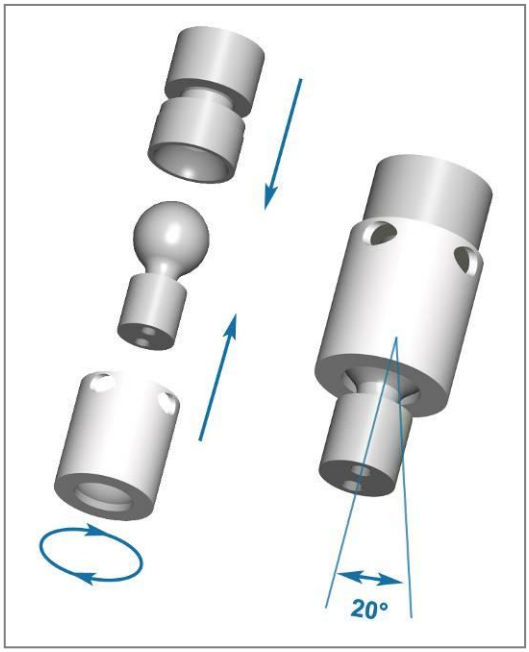
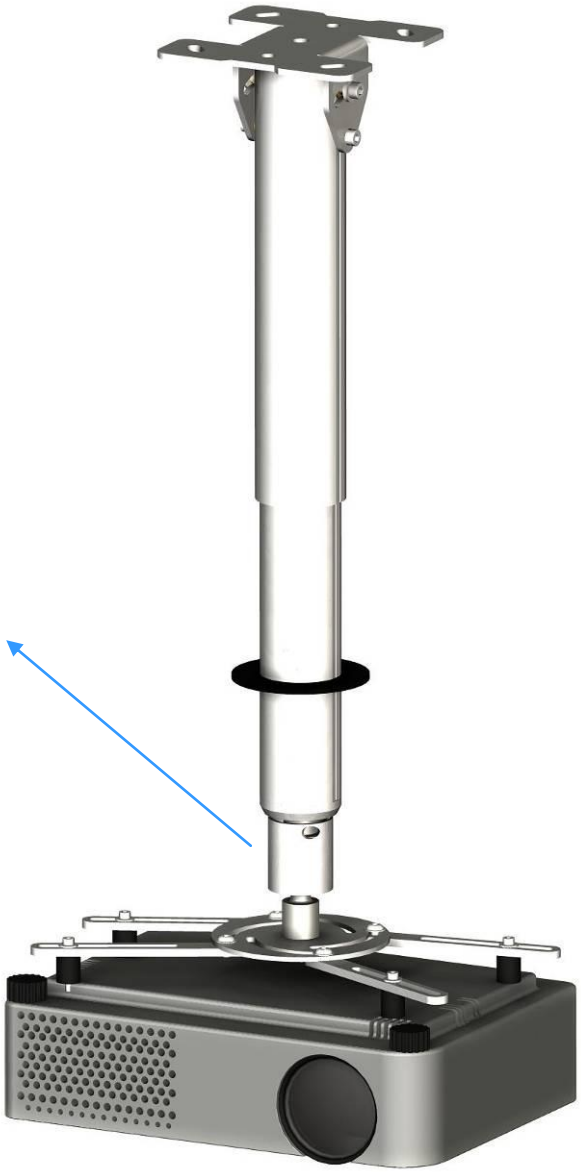
SmartMetals offers a comprehensive range of ***projector mounts*** *for securing projectors to a ceiling, wall, or truss*. Our mounts come in all standard lengths and usually have a ball joint, which attaches simply to your bracket and projector and can be adjusted by hand.

SmartMetals also produces bespoke mounts for special projects. We work closely with our customers to meet their requirements for dimension and colour. Please contact us for further information.





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Our universal tube mounts fit virtually any projector and are available in a range of standard lengths. All models except for the shortest can be continuously adjusted in length and include drop-down protection, ensuring that the inner and outer tube will not part.

All universal tube sets come with a ball joint that can be adjusted without tools. The bracket and your projector attach to the ball joint and can be oriented in any direction. The cable duct is easily accessible from the outside and the slotted holes in the ceiling plate make ceiling mounting straightforward.

Contents of a complete set:

- Tube set
- Universal bracket with 4 small arms
- Extensive set of bolts and spacers:
  M3, M4, M5, and M6 in various lengths
- User manual

Tube sets with a universal bracket: fixed lengths

002.2440 ***L1:*** 13 cm

- Fixed length
- Max. strain: 25 kg
- Universal bracket

Standard colour: Silver-grey

002.2441 ***L1T:*** 13 cm

o.b.o. Trigger Clamp

- Fixed length
- Max. strain: 25 kg
- Universal bracket
- Electrical insulation
- Excl. Doughty Trigger Clamp (003.1128)

Standard colour: Silver-grey

002.2445 ***L2:*** 28 cm

- Fixed length
- Max. strain: 25 kg
- Universal bracket

Standard colour: Silver-grey

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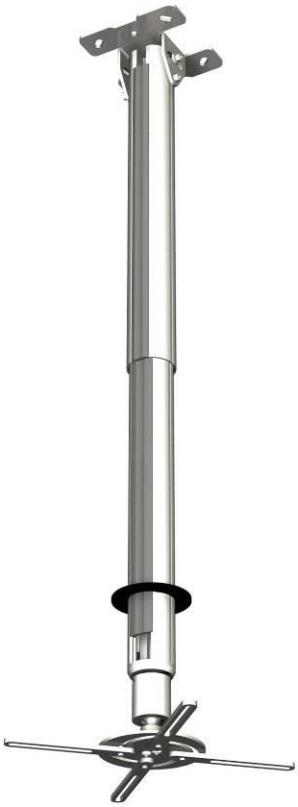
Tube sets with a universal bracket: adjustable in length

002.2450 ***L3:*** 42-59 cm

- Continuously adjustable
- Max. strain: 25 kg
- Angular adjustment: +30° till -30°
- Universal bracket

Standard colour: Silver-grey



002.2460 ***L4:*** 59-93 cm

- Continuously adjustable
- Max. strain: 25 kg
- Angular adjustment: +30° till -30°
- Universal bracket

Standard colour: Silver-grey

002.2470 ***L5:*** 93-158 cm

- Continuously adjustable
- Max. strain: 25 kg
- Angular adjustment: +30° till -30°
- Universal bracket

Standard colour: Silver-grey

Extra long tube set

Besides the standard lengths, a ceiling mount has been added to the assortment specifically for high ceilings. This extra long tube set has, like the other tube sets, an angular adjustment and a drop down protection. Because vibrations are more visible on longer tubes, a stretching set is integrated in this mount. More information on the next page.

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Tube sets with a universal bracket: adjustable in length (extra long)

002.2480 ***L6:*** 158-279 cm

- Continuously adjustable
- Max. strain: 25 kg
- Angular adjustment:
  +30° till -30°
- Universal bracket
- Incl. stretching set

Standard colour: Silver-grey

Tube sets without a universal bracket

SmartMetals® tube sets are also available separately without a universal bracket, so that you can add a projector-specific bracket or housing to them. The options are outlined on the next page.

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Tube sets without a bracket: fixed lengths

002.2040 ***L1:*** 13 cm

- Fixed length
- Max. strain: 25 kg

Standard colour: Silver-grey

002.2041 ***L1T:*** 13 cm

o.b.o. Trigger Clamp

- Fixed length
- Max. strain: 25 kg
- Electrical insulation
- Excl. Doughty Trigger Clamp (003.1128)

Standard colour: Silver-grey

002.2045 ***L2:*** 28 cm

- Fixed length
- Max. strain: 25 kg

Standard colour: Silver-grey

Tube sets without a bracket: adjustable in length

002.2050 ***L3:*** 42-59 cm

- Continuously adjustable
- Max. strain: 25KG
- Angular adjustment: +30° till -30°

Colour: Silver-grey

002.2060 ***L4:*** 59-93 cm

- Continuously adjustable
- Max. strain: 25KG
- Angular adjustment: +30° till -30°

Colour: Silver-grey

002.2070 ***L5:*** 93-158 cm

- Continuously adjustable
- Max. strain: 25KG
- Angular adjustment: +30° till -30°

Colour: Silver-grey

L3 **L4** **L5**

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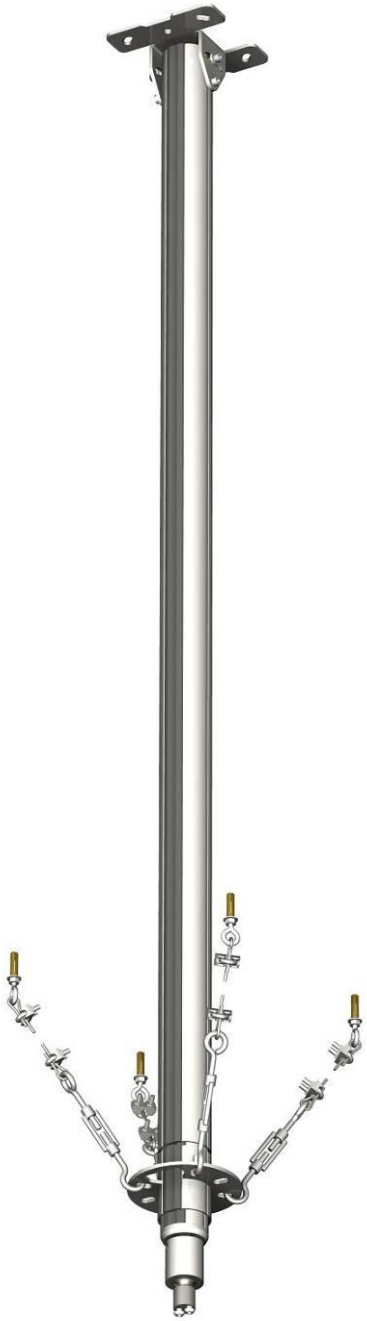
Tube sets without a bracket: adjustable in length (extra long)



002.2080 *L6:* 158-279 cm

- Continuously adjustable
- Max. strain: 25 kg
- Angular adjustment:
  +30° till -30°
- Incl. stretching set

Standard colour: Silver-grey

Brackets

002.1000 Universal bracket
Colour: Silver-grey

002.1001 Projector specific bracket
Colour: Silver-grey

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Tube sets with fine adjustment: without a bracket

Besides the standard ceiling mounts we have now made available tube sets with integrated fine adjustment, specifically for the heavy installation projectors.

These sets are available in 3 lengths, which can be shortened on location. By means of the fine adjustment ***(check art. nr.: 002.1600)***, with screw thread, it is possible to continuously pan and tilt the projector 20 degrees from the heart of the lens.

Combine this set with:
002.1001 Projector specific bracket

002.1670 ***1m Tube set with fine adjustment***

- Can be shortened in length
- Max. strain: 25 kg
- Fine adjustment: +20° tot -20° Pan and tiltable
- Rotation: 90° left, and 90° right

Colour:
Black

002.1680 ***2m Tube set with fine adjustment***

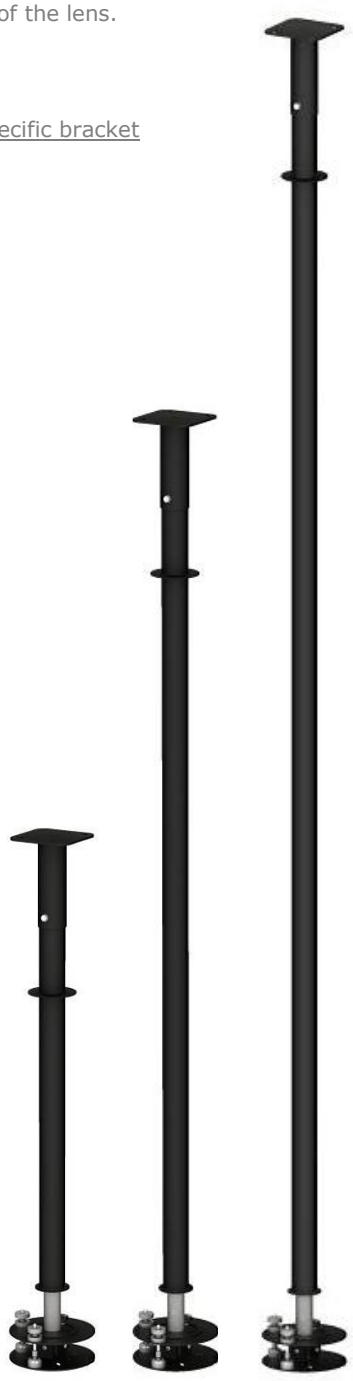
- Can be shortened in length
- Max. strain: 25 kg
- Fine adjustment: +20° tot -20° Pan and tiltable
- Rotation: 90° left, and 90° right

Colour:
Black

002.1690 ***3m Tube set with fine adjustment***

- Can be shortened in length
- Max. strain: 25 kg
- Fine adjustment: +20° tot -20° Pan and tiltable
- Rotation: 90° left, and 90° right

Colour:
Black



PLEASE NOTE! This mount is made specifically for the heavy installation projectors. Possibly, projectors of more than 25 kg could be mounted to this set. For more information, please do contact our sales department.

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Now that new technology has made it possible to project images effectively over a short distance, our customers need highly adjustable projector mounts. **SmartMetals®** projector-specific wall mounts are designed to make adjustments faster and more precise.

For ultra-short-throw projectors, such as the Hitachi A100 series and the Sanyo PLC-XL50, we have integrated into our mounts a unique precision adjustment that inclines and tilts from the heart of the lens. This system derives from the *projector fine adjustment* (002.1600) in our rental range, which has proven in rental situations to be fast and simple to use.

For other projectors, wall mounts can be installed with a universal or projector-specific bracket. The separate wall mounts (without a universal bracket) can be used in combination with the **SmartMetals®** mirror kit and a projector-specific bracket. The mount will be mounted to the ceiling in this configuration.

Wall mounts with fine adjustment, projector specific

002.1800

Ultra short throw wall mount with fine adjustment o.b.o.:

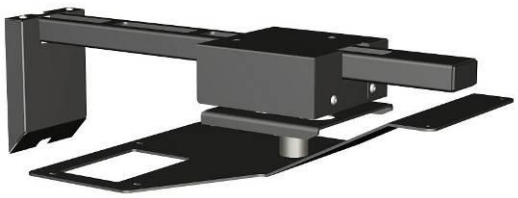
Hitachi A100 series

- 5° pan-, and tiltable
- Adjustable horizontally and vertically
- Includes mounting material
- Extendable with *Projector Housing* **(002.1820)**

002.1810

Ultra short throw wall mount with fine adjustment o.b.o.:
Sanyo PLC-XL50/51

- 5° pan-, and tiltable
- Adjustable horizontally and vertically
- Includes mounting material



002.1840

Ultra short throw wall mount with fine adjustment o.b.o.:
Sanyo PDG-DWL2500 / PDG-DXL2000

- 5° pan-, and tiltable
- Adjustable horizontally and vertically
- Includes mounting material

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002.1820

Projector housing o.b.o.:
Hitachi A100 series

- Only usable i.c.w. short throw wall mount **(002.1800)**
- Includes mounting material
- Includes mirror protection (removable)
- Does not include lock set **(000.1800)**

000.1820
Lock set for projector housing **(002.1820)** o.b.o.:
Hitachi A100 series

- 4 padlocks for wall mount
- 1 lock for housing

Wall mounts with continuous length adjustment: with universal bracket

002.1565 *White*

Wall mount with continuous length adjustment, 60-90cm, with univ.bracket

- Continuous length adjustment from 60-90cm
- Includes universal projector bracket
- Includes mounting material

002.1570 *White*

Wall mount with continuous length adjustment, 85-135cm, with univ.bracket

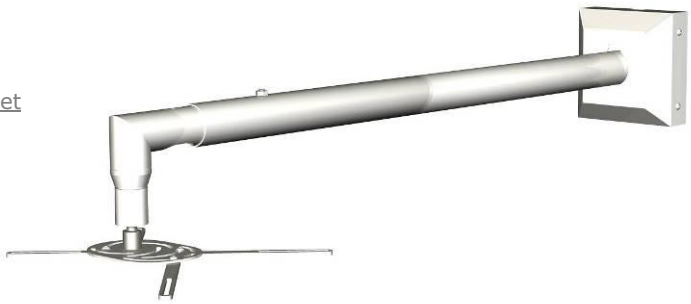
- Continuous length adjustment from 85-135cm
- Includes universal projector bracket
- Includes mounting material

Optional: colour silver-grey

002.1575 *White*

Wall mount with continuous length adjustment, 110-175cm, with univ.bracket

- Continuous length adjustment from 110-175cm
- Includes universal projector bracket
- Includes mounting material



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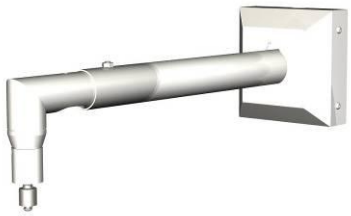
Wall mounts with continuous length adjustment: without bracket

002.1065 *White*

Separate wall mount with continuous length adjustment, 60-90cm

- Continuous length adjustment from 60-90cm
- Don't use this model for the *Mirror set*



002.1070 *White*

Separate wall mount with continuous length adjustment, 85-135cm

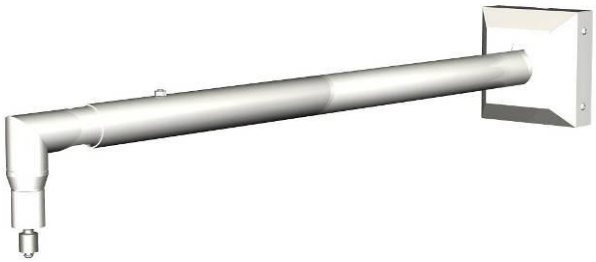
- Continuous length adjustment from 85-135cm
- Don't use this model for the *Mirror set*

Optional: colour silver-grey

002.1075 *White*

Separate wall mount with continuous length adjustment, 110-175cm

- Continuous length adjustment from 110-175cm
- Don't use this model for the *Mirror set*



!ADVANTAGE! The combination 002.1065/70/75 with a 002.1001, offers a faster installation in comparison to the universal bracket; furthermore it guarantees a projection angle adjustment from the heart of the lens.

Separate brackets

002.1001 Projector specific bracket
Colour: Silver-grey

Please specify brand and model when ordering, for example:

006.1008 Hitachi CP-D10/CP-DW10N
006.1009 Hitachi CP-AW100N
With integrated 10° angle
025.1001 Vivitek D5/D8/D9

!PLEASE NOTE! For the combination 002.1065/1070/1075 with 002.1001, we offer a special price for a minimum purchase amount of 50 pieces. Please check our price list for more information.

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Wall mounts without bracket

This series can be used in combination with the *Mirror Set* **(002.2000)** and *Projector specific bracket* **(002.1001)** for ceiling configuration.

002.1560 Wall mount, length 2: 35-63 cm*
** Shortening up to 24 cm possible*

002.1561 Wall mount, length 3: 63-100 cm

002.1562 Wall mount, length 4: 87-135 cm

002.1563 Wall mount, length 5: 115-160 cm

Separate brackets

002.1000 Universal bracket
Standard colour: silver-grey

002.1001 Projector specific bracket
Standard colour: silver-grey

Please specify brand and model when ordering.

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Our rental mounts make it quick and easy to hang projectors in rental situations. With quarter-turn latches the projector is mounted onto the bracket in no time. However, the projector should be fitted with a universal rental bracket or projector-specific bracket.

Electrical insulation

Our tube sets are electrically insulated so the truss does not need to be taped to prevent screen problems. The ball joint can easily be adjusted using the special rental ring. The tube set is fitted with lifting eyes for safety attachments.

002.1641 Rental set 1,
fixed length 11 cm o.b.o.
trigger clamp, excl. bracket

002.1660 Rental set 2,
45–70 cm, excl. bracket

002.1661 Rental set 3,
70–115 cm, excl. bracket

002.1662 Rental set 4,
100–145 cm, excl. bracket

002.1663 Rental set 5,
125–170 cm, excl. bracket

Possible accessories:

002.1001
Projector specific bracket

002.1003
Universal rental bracket

003.1128
Doughty trigger clamp

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Projector fine adjustment

We also offer a suspension device for fine adjustment of larger projectors. With our fine adjustment screw thread mechanism it is possible to continuously pan and tilt a projector through 20 degrees. Adjustments are instant and multiple projection easily attained, saving the valuable time of technicians on location. The bracket — known as a *trigger clamp* — is electrically insulated and can also be ordered separately.

002.1600

Projector fine adjustment *(excl. bracket)*

The fine adjustment is delivered without projector specific bracket and trigger clamps (2x). These should be ordered separately.

!NEW! Recently we have added a Mount to the SmartMetals assortment, which allows adding the bracket to the system with quarter turn latches.

Possible accessories:

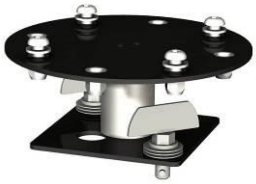
002.1001

Projector specific bracket

(Specify brand and type projector)

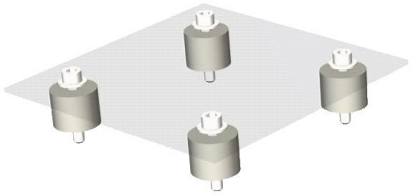
2x 003.1128

Doughty trigger clamp



002.1605

Mount with quarter turn Latches for 002.1600



003.1125

Fixed mounted spacers (stainless steel). The perfect solution for keeping all material together in situations where you have to regularly detach the projector from the mount.

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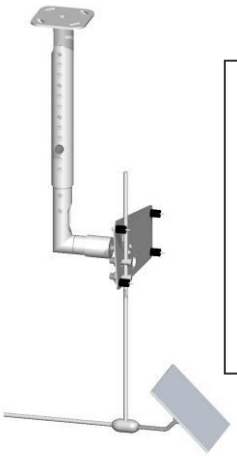
Stainless steel mirror set

Our mirror set allows you to position a projector above a suspended ceiling, with a mirror mounted directly below the ceiling. A ball joint ensures projection at the proper angle. All visible parts below the ceiling are made of stainless steel.

The mirror set is to be combined with a wall mount 002.1560-63, and a projector-specific bracket.



The advantages:

- Anti-theft mechanism
- No visible projector and cables
- Noise reduction

002.2000 Stainless steel mirror set

Separate brackets

002.1001 Projector specific bracket
Standard colour: silver-grey

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Our housings can accommodate almost any projector, offering you protection from theft and damage. Our special design is compatible with projectors with a left-hand, central or right-hand lens, and comes in three different sizes.

Our housings are fitted with a universal bracket and ball joint to be used with our separate tube sets, offering you the usual flexibility in orientation.

Our housings can be installed easily, and allow quick access to the projector for maintenance.

For special projects we make bespoke housings. Please contact us for further information.

002.3010

Universal projector housing, small:

- Max. dimension of the projector (W x D x H) 350 x 330 x 110 mm
- To be combined with a separate tube set without universal bracket

002.3030

Universal projector housing, medium:

- Max. dimension of the projector (W x D x H) 400 x 330 x 150 mm
- To be combined with a separate tube set without universal bracket

002.3020

Universal projector housing, large:

- Max. dimension of the projector (W x D x H) 490 x 430 x 180 mm
- To be combined with a separate tube set without universal bracket

000.3000 (o.b.o. series 1) **003.3100** (o.b.o. series 2)

Lock set for the projector housing and tube set

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Anti-theft set

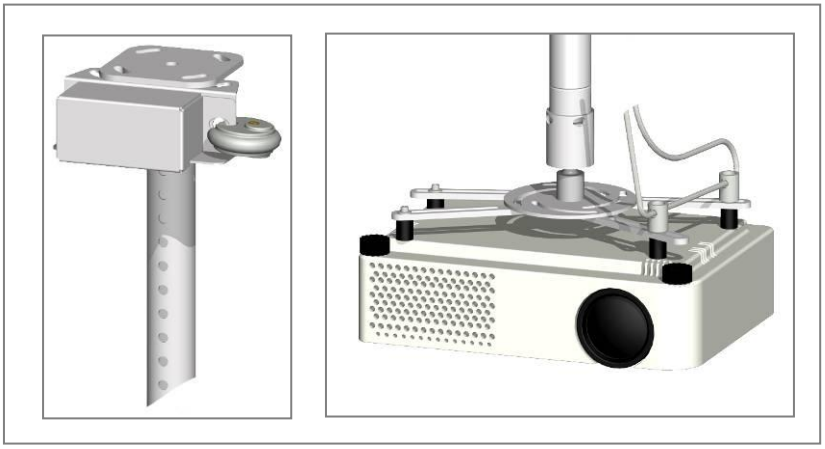
Our anti-theft set offers excellent protection for your projector. The suspension points of your projector are covered by a heavy steel cable, which runs via the cable duct of the tube set to the ceiling. The cable is then secured to a special module, which is itself locked into a disc lock. This set can be used with universal and projector-specific brackets.

The advantages:

- Anti-theft mechanism
- Barely visible when compared to a housing

003.2020 Anti-theft set (series 1)

003.2220 Anti-theft set (series 2)



Anti-theft boxes

By using two anti-theft boxes with locks **(000.0011),** the ceiling plate can be additionally protected against theft. We have also made available two smaller anti-theft boxes to protect the projector.

002.1159 Set small anti-theft boxes
For projector

002.1160 Set large anti-theft boxes
For ceiling plate.

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The following three pages list various accessories that can be added to a **SmartMetals®** projector mount. Please note that some of our existing accessories (series 1) have been modified to be compatible with our new series projector mounts (series 2), and the list is not exhaustive.

Example
003.1050 (o.b.o. series 1)
003.1250 (o.b.o. series 2)
Stretching set. Complete set with 4 x 3 metre steel wire, stretchers and wedge bolts

Please find below which product numbers belong to series 1 and series 2.

Series/Serie: 1

002.1040	002.1440	002.1641
002.1041	002.1441	002.1660
002.1060	002.1460	002.1661
002.1061	002.1461	002.1662
002.1062	002.1462	002.1663
002.1063	002.1463	

Series/Serie: 2

002.2040	002.2440
002.2041	002.2441
002.2045	002.2445
002.2050	002.2450
002.2060	002.2460
002.2070	002.2470

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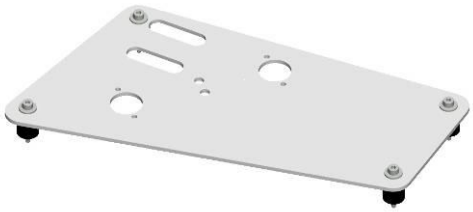
002.1000

Universal bracket. This bracket comes with 4 small arms, spacers and bolts from M3 up to M6.

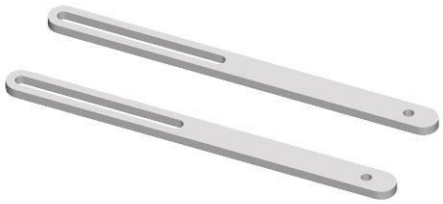
Colour: silver-grey or black



002.1001

Projector-specific bracket

Colour: silver-grey or black



003.1002

Set of 2 long arms. These can be used if the standard arms are not long enough.

Colour: silver-grey or black

003.1050 (o.b.o. series 1)
003.1250 (o.b.o. series 2)

Stretching set. Complete set with 4 x 3 metre steel wire, stretchers and wedge bolts.

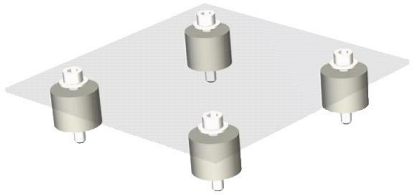
003.1079 (o.b.o. series 1)

Extension tube 1 metre. 0.9 metres effectively.

003.1078 (o.b.o. series 1)

Extension tube 2 metres. 1.9 metres effectively.

Colour: silver-grey or black



003.1125

Fixed mounted spacers (stainless steel). The perfect solution for keeping all material together in situations where you have to regularly detach the projector from the mount.

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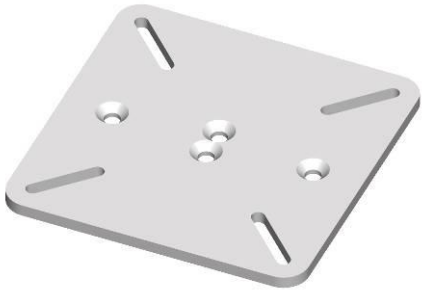
003.1120

Adapter plate.

003.1121

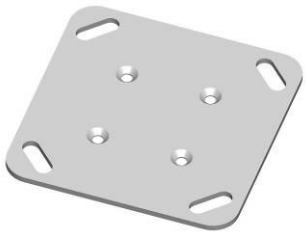
Rental plate. Quarter-turn latches make attaching/detaching a projector easy. For use with a projector-specific bracket.

Colour: black or silver-grey



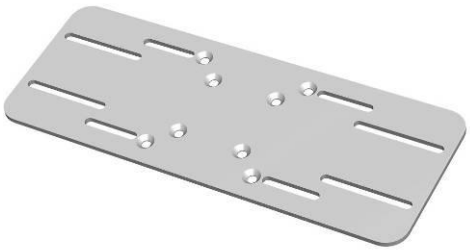
003.1122

Flat screen conversion plate. For attaching a small flat screen to an angled tube set. For screens with VESA 75 or 100.



003.1123 (o.b.o. series 1)

Large ceiling plate. This plate can be used if the plate included in the standard tube set is too small.



003.1124 (o.b.o. series 1)

003.2124 (o.b.o. series 2)

Ceiling plate for sheet-pile profile. This plate can be fixed to the sheet-pile profile at the top floors of buildings, and attaches to a standard tube set.

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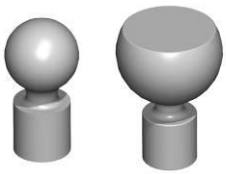
003.1126 (o.b.o. series 1)
003.2126 (o.b.o. series 2)
Wooden beam conversion plate. For mounting a standard tube set to a wooden beam, which is too small for a standard tube set.

003.1151
Ball locking ring in rental construction. For easy fixation of the ball joint. The listed price is an additional price, when compared to a standard.

Colour: black or silver-grey



003.1152
Separate ball, small.
003.1153
Separate ball, large.

003.1180 (o.b.o. series 1)
Continuous angular adjustment. For mounting a tube set (for projectors or flat screens) to a sloped ceiling.

072.2010
H-bar mount small. For mounting **SmartMetals®** tube sets (for projectors or flat screens) to H-bars.
Width H-bar: 80–180mm

072.2020
H-bar mount large. For mounting **SmartMetals®** tube sets (for projectors or flat screens) to H-bars.
Width H-bar: 160–310mm

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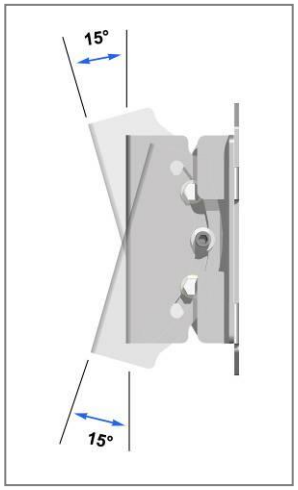
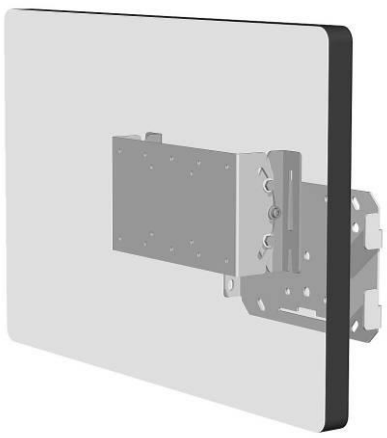
SmartMetals offers a comprehensive range of ***flat screen mounts*** *for mounting flat screens to the wall, floor or ceiling.* Because of its modular structure, any screen mount can be connected to a tube set for ceiling mounting or to a stand. The mounts are available in fixed and tiltable models. The tiltable model allows a bracket to be tilted and locked in the required position. All screen mounts can be fitted with an anti-theft padlock.

SmartMetals also produces bespoke mounts for special projects. We work closely with our customers to meet their requirements for dimension and colour. Please contact us for further information.





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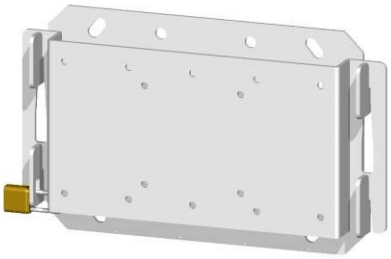
All our VESA flat screen wall mounts can also be used for ceiling mounting in conjunction with a tube set, and for stand mounting using coupling bolts. The mounts are fitted with the fastening material, to secure the screen to the bracket. An anti-theft padlock is available separately.

Fixed VESA wall mounts

052.3000

Fixed VESA wall mount:

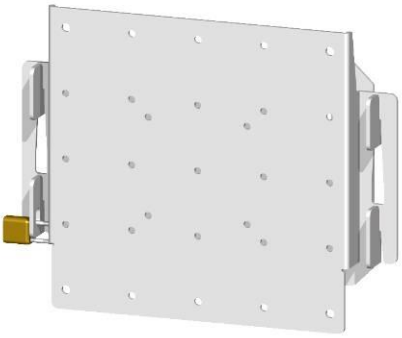
- VESA 75, 100, 200-100
- Dimension from the wall: 30mm
- Max. strain: 40kg



052.4000

Fixed VESA wall mount:

- VESA 75, 100, 200-100, 200-200
- Dimension from the wall: 30mm
- Max. strain: 50kg

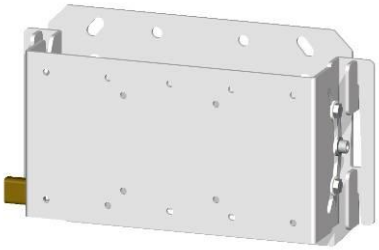


Tiltable VESA wall mounts

052.3050

Tiltable VESA wall mount:

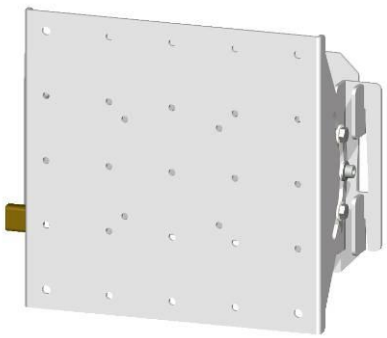
- VESA 75, 100, 200-100
- Dimension from the wall: 70mm
- 15° tilting angle
- Max. strain: 40kg



052.4050

Tiltable VESA wall mount:

- VESA 75, 100, 200-100, 200-200
- Dimension from the wall: 70mm
- 15° tilting angle
- Max. strain: 50kg



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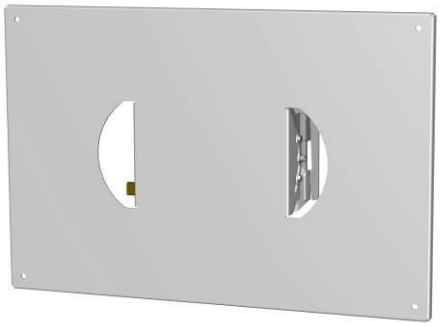
052.8050

Tiltable VESA wall mount:

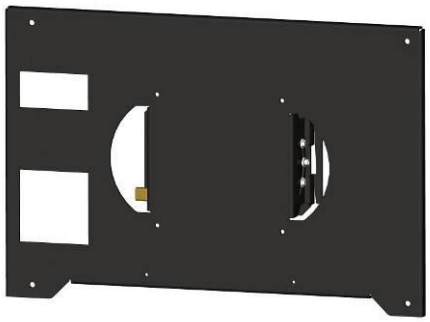
- VESA 600-400
- Dimension from the wall: 70mm
- 15° tilting angle
- Max. strain: 50kg



052.8060 *(landscape version)*
052.8065 *(portrait version)*

Tiltable VESA wall mount:

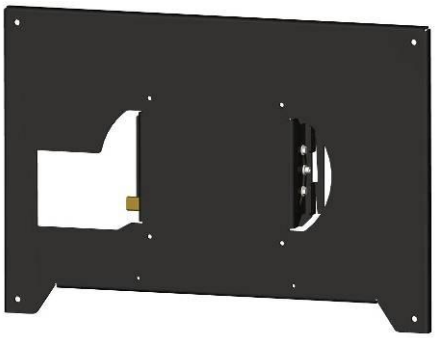
- Screen bracket specific for
  Samsung 400/460 DX(n) and UX(n) series
- VESA 600-400
- Dimension from the wall: 70mm
- 15° tilting angle
- Max. strain: 50kg



052.8070 *(landscape version)*
052.8075 *(portrait version)*

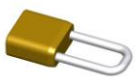
Tiltable VESA wall mount:

- Screen bracket specific for
  Samsung 400/460 MX(n) and CX(n) series
- VESA 600-400
- Dimension from the wall: 70mm
- 15° tilting angle
- Max. strain: 50kg



000.0001

Padlock for VESA & universal wall mounts



063.1035

Three-point coupling bolt (1x). Three coupling bolts are required to connect a screen mount to a stand.

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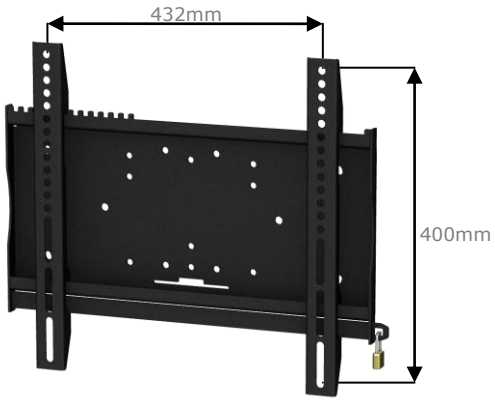
All our universal flat screen wall mounts are VESA compatible. They can also be used for ceiling mounting in conjunction with a tube set, and for stand mounting using coupling bolts. The mounts are fitted with fastening material, to secure the screen to the bracket. An anti-theft padlock is available separately.

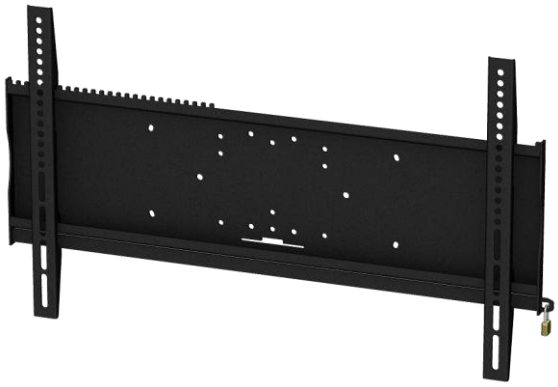
Fixed universal wall mounts



052.1000

Fixed universal wall mount:

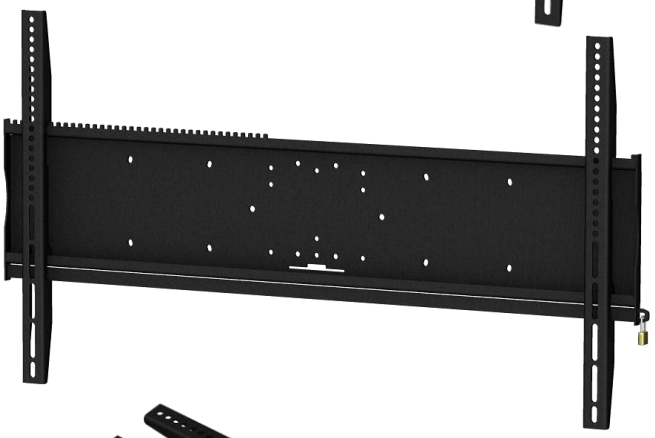
- Max. dimension between suspension points: 432 x 400 mm (W x H)
- Dimension from the wall: 33mm
- Max. strain: 85kg



052.2000

Fixed universal wall mount:

- Max. dimension between suspension points: 802 x 466 mm (W x H)
- Dimension from the wall: 33mm
- Max. strain: 85kg



052.6000

Fixed universal wall mount:

- Max. dimension between suspension points: 1100 x 600 mm (W x H)
- Dimension from the wall: 38mm
- Max. strain: 120kg

052.6004

Universal mounting bars, portrait:

For mounting large flat screens in portrait position.

- Combine with fixed universal bracket (052.1000, 052.2000, 052.6000)
- Max. height: 900 mm
- Max. width: depends on type of screen mount
- Length: 930 mm

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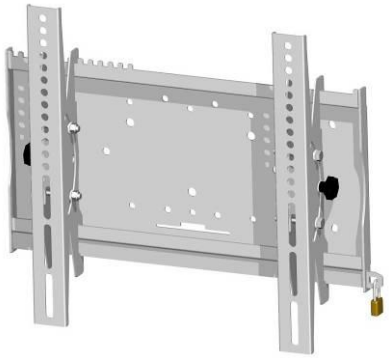
Tiltable universal wall mounts

052.1050

Tiltable universal wall mount:

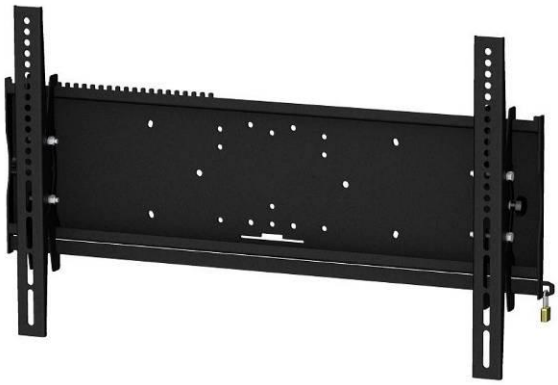
- Max. dimension between suspension points: 432 x 400 mm (W x H)
- Dimension from the wall: 75 mm
- 13° tilting angle
- Max. strain: 85kg



052.2050

Tiltable universal wall mounts:

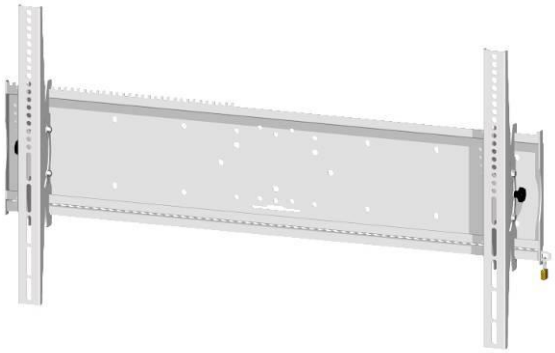
- Max. dimension between suspension points: 802 x 466 mm (W x H)
- Dimension from the wall: 75 mm
- 13° tilting angle
- Max. strain: 85kg



052.6050

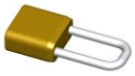
Tiltable universal wall mounts:

- Max. dimension suspension points: 1100 x 600 mm (W x H)
- Dimension from the wall: 87 mm
- 13° tilting angle
- Max. strain: 120kg



000.0001

Padlock for VESA & universal wall mounts



063.1035

Three-point coupling bolt (1x). Three coupling bolts are required to connect a screen mount to a stand.

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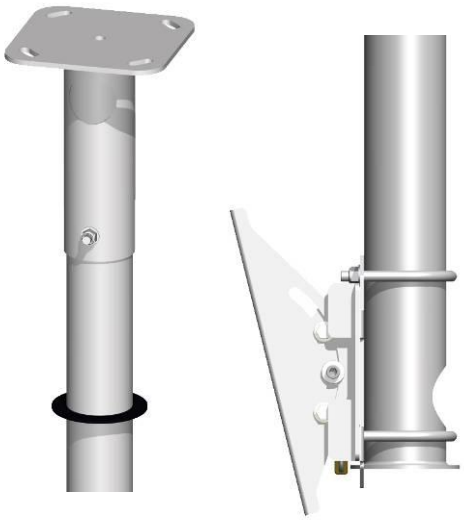
All **SmartMetals**® VESA and universal screen mounts can be ceiling mounted using the tube sets below. It is possible to connect one or two screens (back-to-back) to the tube set. Following the installation, the screen can be turned to a horizontal position. The tube sets are available in three standard lengths, which can be shortened on location.

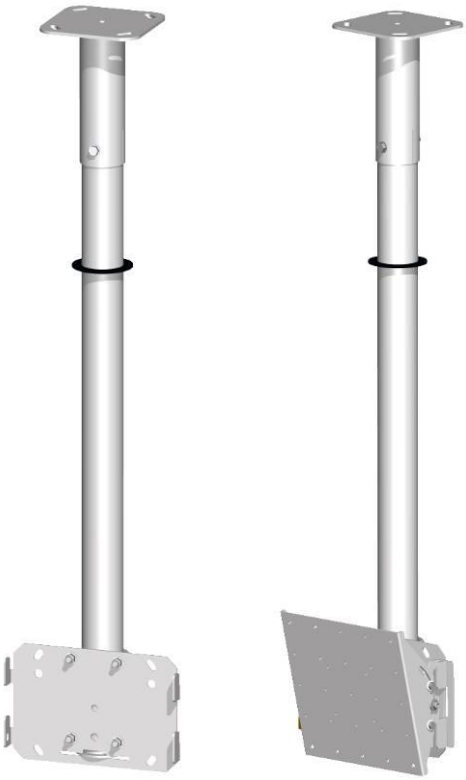
All tube sets are fitted with a:

- Cable duct
- Finishing ring for the ceiling set

An optional continuous angular adjustment is available, to mount a tube set to a sloped ceiling. As soon as the screen is installed, it can be protected against theft with a lock that should be ordered separately. Also available: optional H-bar mounts.

072.1010	Tube set up to 1 metre
072.1020	Tube set up to 2 metres
072.1030	Tube set up to 3 metres
072.1111	Assembly set back-to-back
003.1180	Continuous angular adjustment
072.2010	H-bar mount, small
072.2020	H-bar mount, large





072.2010

80-180mm

072.2020

160-270mm

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SmartMetals has developed a range of stands, suitable for various applications. The assortment consists of fully divisible, semi-divisible and indivisible stands. The stands are available with or without wheels.

The fully divisible stands are particularly suitable for rental applications; as it can be easily transported together with the screen in a custom-made flightcase. This stand requires no tools for setting up.

The semi-divisible stand is very similar to the fully divisible version. However its column has a fixed length of 1.9 metres.

The indivisible stand is mostly used for fixed installations. Even though this stand does not incorporate the advantages of the modular system, this is as well expressed in its price; significantly less compared to the divisible version.

Screen mount configuration

063.0310 Rental bracket

Each stand comprises of a base plate, column and head.
The screen mount is to be separately selected. Each SmartMetals screen mount can be combined with the stand; the following options are possible:

- Rental mounts (Universal or with VESA pattern)
- Universal wall mounts + 3 three point coupling bolts

063.0800
Stand mounted to wall and floor

Solution mounted to wall and floor (063.0800)

On some locations one comes across walls for which the screen plus wall mount are too heavy for mounting. The flat screen stand will be implemented here in most cases, but it is taking up a lot of space.
SmartMetals therefore developed a space-saving solution, based upon the design of our stand, but then mounted to the floor and wall. This solution allows the weight of the screen to be strained on the floor. A max. weight of 100kg can be mounted to the stand head.

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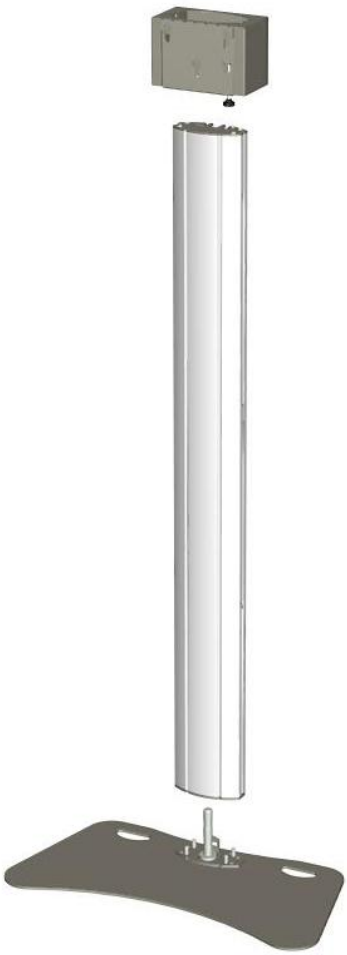
Features:

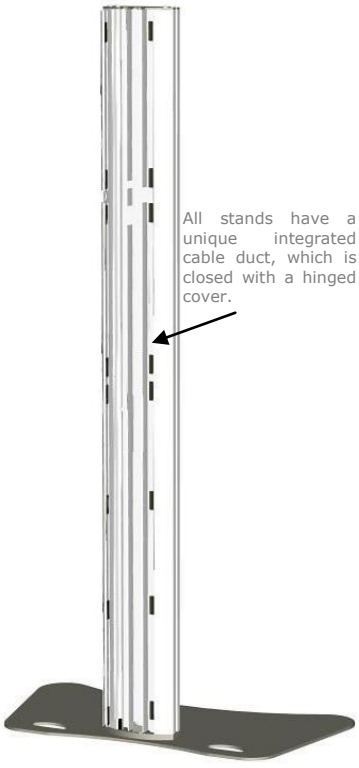
- Suited for rental applications and fixed installation
- Slim and timeless design
- Functional design
- Anti-theft mechanism
- 3 unique integrated cable ducts
- No tools required when setting up
- Continuous height adjustment up to 190 cm
- Compatible with all SmartMetals® flat screen mounts
- Custom configurations are possible

Anti-theft mechanism

Fully divisible
The aluminium column consists of 2 parts; therefore very well suited for rental use.



Semi-divisible
The aluminium column consists of 1 part with a length of 1.9 meter.



All stands have a unique integrated cable duct, which is closed with a hinged cover.

Indivisible
Aluminium column and floor plate are merged as one.

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062.1000B Fully divisible stand
Single construction: for one screen up to 50”. Comprises base plate, column, and single head.

062.1100B Semi-divisible stand
Single construction: for one screen up to 50”. Comprises base plate, column, and single head.

062.1200B Indivisible stand
Single construction: for one screen up to 50”. Comprises base plate, column, and single head.

062.2000B Fully divisible stand
Double construction: for two screens up to 50”. Comprises base plate, column, and double head.

062.2100B Semi-divisible stand
Double construction: for two screens up to 50”. Comprises base plate, column, and double head.

062.2200B Indivisible stand
Double construction: for two screens up to 50”. Comprises base plate, column, and double head.

062.3000B Fully divisible stand
Single construction: for one screen up to 65”. Comprises base plate, column and single head.

062.3100B Semi-divisible stand
Single construction: for one screen up to 65”. Comprises base plate, column and single head.

062.3200B Indivisible stand
Single construction: for one screen up to 65”. Comprises base plate, column and single head.

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062.1500B Fully divisible stand
Single construction: for one screen up to 50". Comprises wheeled base plate, column, and single head.

062.1600B Semi-divisible stand.
Single construction: for one screen up to 50". Comprises wheeled base plate, column, and single head.

062.1700B Indivisible stand
Single construction: for one screen up to 50". Comprises wheeled base plate, column, and single head.

062.2500B Fully divisible stand
Double construction: for two screens up to 50". Comprises wheeled base plate, column, and double head.

062.2600B Semi-divisible stand
Double construction: for two screens up to 50". Comprises wheeled base plate, column, and double head.

062.2700B Indivisible stand
Double construction: for two screens up to 50". Comprises wheeled base plate, column, and double head.

062.3500B Fully divisible stand
Single construction: for one screen up to 65". Comprises wheeled base plate, column, and single head.

062.3600B Semi-divisible stand
Single construction: for one screen up to 65". Comprises wheeled base plate, column, and single head.

062.3700B Indivisible stand
Single construction: for one screen up to 65". Comprises wheeled base plate, column, and single head.

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Wheeled stand for screens up to 65 inch, 85kg

In the Netherlands and internationally it is difficult to ship indivisible stands. Of course we try to guarantee safety and prevent damages from happening, but we almost cannot avoid booking a pallet place for each stand.

SmartMetals presents a simpler version of the current indivisible stand, to reduce transport costs for our customers: it has a new column, a different stand head and a divisible base plate. This stand can be shipped in a box, of which approx. 20 can be shipped on 2 pallet places.

Features:

- Easy to ship
- Suitable for fixed installation and mobile use
- Maximum strain: 85kg (screen & accessories)
- Combine with Universal wall mount: **052.1000**/**.2000**/**.6000** (depending on VESA pattern)
- Possible accessories: *Laptop platform* **(063.0100)** /*Lockable Media Housing* **(063.0700)**

062.3900 Indivisible stand (economy version)
Single construction up to 65 inch, incl. wheel frame, column and special head (excl. screen mount).

Stand for videoconferencing

Videoconferencing is a set of interactive telecommunication techniques, which make sure that two locations can exchange information at the same time (with vision and sound). This form of visual collaboration is used by companies to meet with their subsidiaries or international partners saving travel costs and time.

For videoconferencing, the end-user is often looking for a mobile solution to which two screens, a codec and a camera can be attached. The set would then be suitable for use in multiple rooms.

SmartMetals has developed a wheeled stand, suitable for two screens up to 55 inch, with a codec and camera support. Based upon the screen type and its VESA pattern, two universal screen mounts can be additionally selected.

Features:

- Indivisible wheeled stand
- Suitable for fixed installation and is mobile in use
- Slim and timeless design
- Functional design
- Integrated codec and camera support
- 3 unique integrated cable ducts
- Continuous height adjustment up to 190 cm
- The camera platform can be mounted above or below the screen

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Stand for videoconferencing (seq.)

Should be combined with 2 Universal wall mounts: **052.1000**/**.2000**/**.6000** (depending on VESA pattern)

062.2800 Stand for videoconferencing
Incl. camera- and codec support (excl. screen mounts*)

Wheeled stand for screens up to 85 inch, 160kg

This stand is specifically suitable for heavier/larger Touch screens or flat screens on the market, for presentations or training purposes. It is designed for screens up to 85 inch, 160kg.

Features:

- For fixed installation and use in multiple rooms
- Slime and timeless design
- Combine with Universal wall mount: **052.6000**
- A large wheel frame provides additional stability for touching or writing on the screen.

062.3800 Wheeled stand up to 85 inch
Single construction up to 85 inch, incl. wheel frame, columns and special head (excl. screen mount).

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Stand mounted to wall and floor

On some locations one comes across walls for which the screen plus wall mount are too heavy for mounting. The flat screen stand will be implemented here in most cases, but it is taking up a lot of space.
SmartMetals therefore developed a space-saving solution, based upon the design of our stand, but then mounted to the floor and wall. This solution allows the weight of the screen to be strained on the floor. A max. weight of 100kg can be mounted to the stand head.

Features:

- Stand for fixed installation, mounted to wall and floor
- Slim and timeless design
- Functional design
- 3 unique integrated cable ducts
- Custom configurations are possible
- Possible accessories: *Stand platform* **(063.0100)** and *Lockable media housing* **(063.0700)**

Should be combined with a Universal wall mount:
052.1000/**.2000**/**.6000** (depending on VESA pattern).

063.0800 Flat screen stand fixed to floor and wall
Max. strain: 100 kg

!Please note! May you wish to mount more screens on this stand, you can order an additional stand head and screen mount.

063.0820 Stand head specifically for 063.0800

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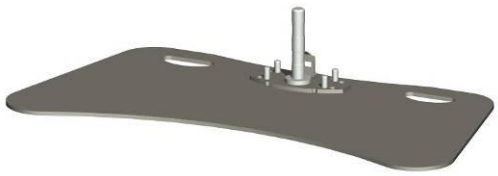
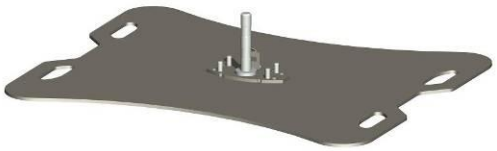
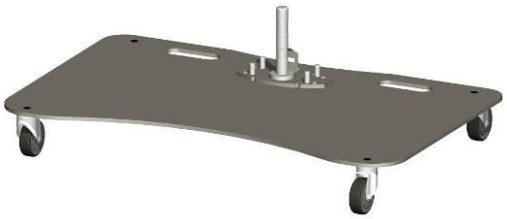


063.1010 Base plate
Single construction for mounting one screen up to 50”.

063.3010 Base plate
Single construction for mounting one screen up to 65”.

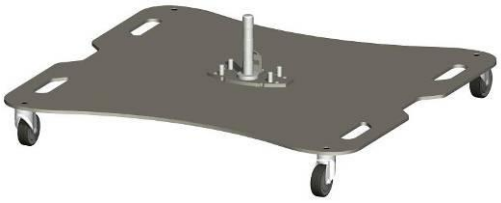


063.2010 Base plate
Double construction for mounting two screens (back-to-back) up to 50”.



063.1510 Wheeled base plate
Single construction for mounting one screen up to 50”.

063.3510 Wheeled base plate
Single construction for mounting one screen up to 65”.



063.2510 Wheeled base plate
Double construction for mounting two screens (back-to-back) up to 50”.

063.3520 Reinforcement set for stand.
Only for base plate of art.nr: 062.3700. This set guarantees additional stability by usage of heavy touch screens.

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063.0200 Extension piece 35 cm.

Only for fully divisible stand. Insert between both stand parts to increase the height to 2.25 metres.

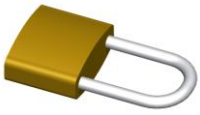
063.0100 Stand platform.

Dim. 39 x 31 cm (W x D). Continuously adjustable in height. Laptop lock can be attached.

063.0700 Lockable media housing.

For **SmartMetals®** flat screen stand. Protects your equipment against theft and vandalism.

- Solid steel housing
- Cable entries at the back
- Continuously height adjustment
- Inner dimensions (W x D x H): 450x377x114mm
- Lockable with an optional padlock (**000.0011**)



000.0011 Padlock for several parts/accessories:

- A single stand head
- A double stand head
- Monitor/platform stand
- Media housing

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063.1020B Stand head, single construction.
For mounting a single screen. Padlock sold separately.

063.2020B Stand head, double construction.
For mounting two screens (back-to-back). Padlock sold separately.

063.0500 Monitor/platform stand for mounting a flat screen just above the floor. Comprises a short column and specific head. To be combined with any **SmartMetals**® (wheeled) base plate and rental flat screen mount with coupling bolts.

Padlock sold separately (**000.0011**).

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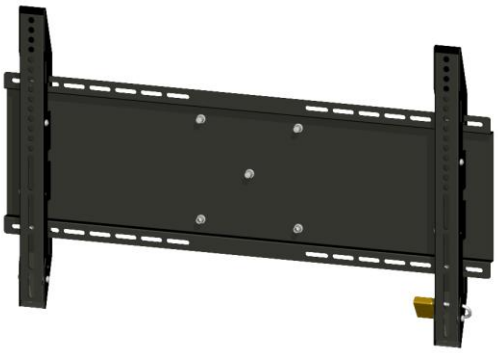


052.5000

Universal rental mount.

This mount remains fixed to the screen and can be used in landscape or portrait. Maximum dimension of the suspension points on the screen: 828 x 466mm. Supplied with three coupling bolts. Padlock sold separately.

063.0300

VESA 200 rental bracket.

This bracket remains fixed to the screen and can be used in landscape or portrait. Also compatible with VESA 75, 100, 100–200 mounting pattern. Supplied with three coupling bolts.

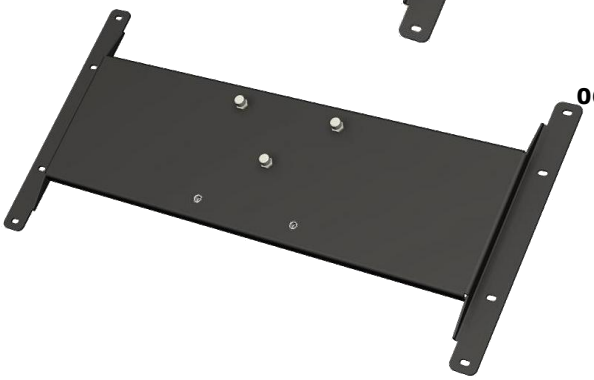
063.0310

VESA 300(-200), 400(-200/-300) rental bracket. This bracket remains fixed to the screen and can be used in landscape or portrait. Compatible with VESA 300, 300-200, 400, 400-300 and 400-200 mounting pattern. Supplied with three coupling bolts.

063.0320

VESA 600-400(-200) rental bracket.

This bracket remains fixed to the screen and can be used in landscape or portrait. Compatible with VESA 600–400(-200) mounting pattern. Supplied with three coupling bolts.



063.0330

VESA 800-400(-200) rental bracket.

This bracket remains fixed to the screen and can be used in landscape or portrait. Compatible with VESA 800–400(-200) mounting pattern. Supplied with three coupling bolts.

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012.2101 *(excl. rotation module)*

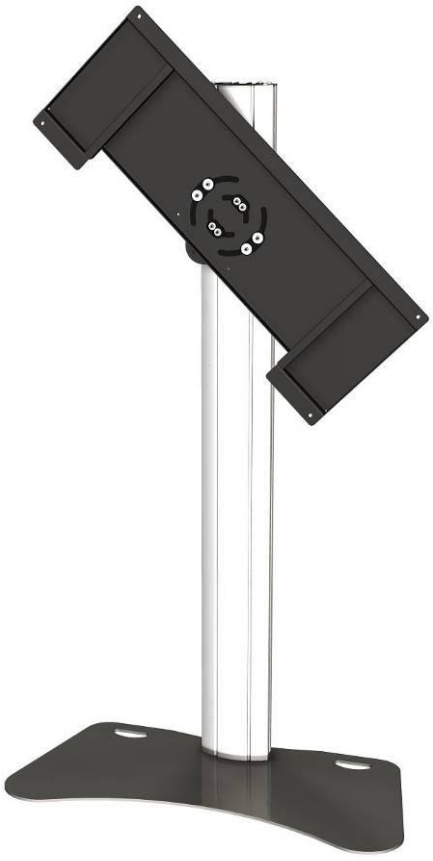
012.2002 *(incl. rotation module)*

Panasonic PF9UK rental bracket.

The bracket allows the screen, using the SmartMetals hoist system, to be manually hoisted out of a TechnoCase flightcase. Furthermore a rotation module with index plunger can be added to rotate the screen from portrait to landscape, and fix it in this position.

This custom made bracket can possibly be fitted to other Panasonic screens with mounting pattern 1075 x 400 mm (please do contact us for more information).

Combination: 062.3000 + 063.0600 + 012.2002



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063.0450 Tilting wall or truss module.
Designed to take a 30 cm truss horizontally or vertically. Wall mountable. Padlock available separately.

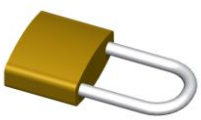
063.0600 Hoist system
For one person to hoist flat screens (up to 90 kg) out of a TechnoCase flight case onto a **SmartMetals**® flat screen stand.

063.0611 Additional set hoist system: Hoist plate and roller-bar; to hoist up multiple screens.

This set can also be used as additional support for heavier screens (with SmartMetals rental brackets) on stands.

063.0615 Additional set hoist system: Set of two mounting bars; for a flat screen stand that will be used for hoisting.

063.1035 Three-point coupling bolt (1x).
Three coupling bolts are required to connect a screen mount to the stand head.



000.0013 Padlock for locking the universal rental mount.

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Wall and Floor systems with height adjustment (gas spring or electrical)

Over the past years the audiovisual market has experienced a big sales increase in interactive products, caused by the digitalisation and audio visual revolution on schools and in companies. This development presents additional demands and preferences for the use of mounting solutions. For the Touch screens and Interactive Whiteboards one searches for mobile stands and wall solutions, being electrically in height adjustable. Furthermore it is important to our customers that the products are easy to install.

SmartMetals presents a range solutions to mount these heavy screens to the wall or on the floor. Please find below an overview of the solutions we offer:

Products:	**Up to 50 inch**	**Up to 65 inch**	**Up to 70 inch**	**Up to 85 inch**
Wall systems with height adjustment				
052.7100 Wall lift with electrical height adjustment (page 43)				**Max.155kg**
Stands with height adjustment (gas spring):				
062.4050 Wheeled stand with height adjustment (page 44)				**Max. 60kg**
062.4060 Wheeled stand with height adjustment (page 44)				**Max. 70kg**
062.4070 Wheeled stand with height adjustment (page 44)				**Max. 80kg**
Stands with height adjustment (electrical):				
062.4100 Stand with height adjustment (page 45)				
062.4600 Wheeled stand with height adjustment (page 45)				
062.5100 Stand with adjustment (page 45)				
062.5600 Wheeled stand with height adjustment (page 45)				
062.7000 Wheeled stand with height adjustment *and tip function*. (page 46)				**Max. 106kg**
062.7050 Wheeled stand with height adjustment *and tip function*. (page 47)				**Max. 106kg**
062.7200 Wheeled stand with height adjustment (page 47)				**Max. 135kg**
062.7100 Wheeled stand with height adjustment (page 48)				**Max. 160kg**
062.6000 Wheeled stand with height adjustment (page 49)				**Max. 160kg**

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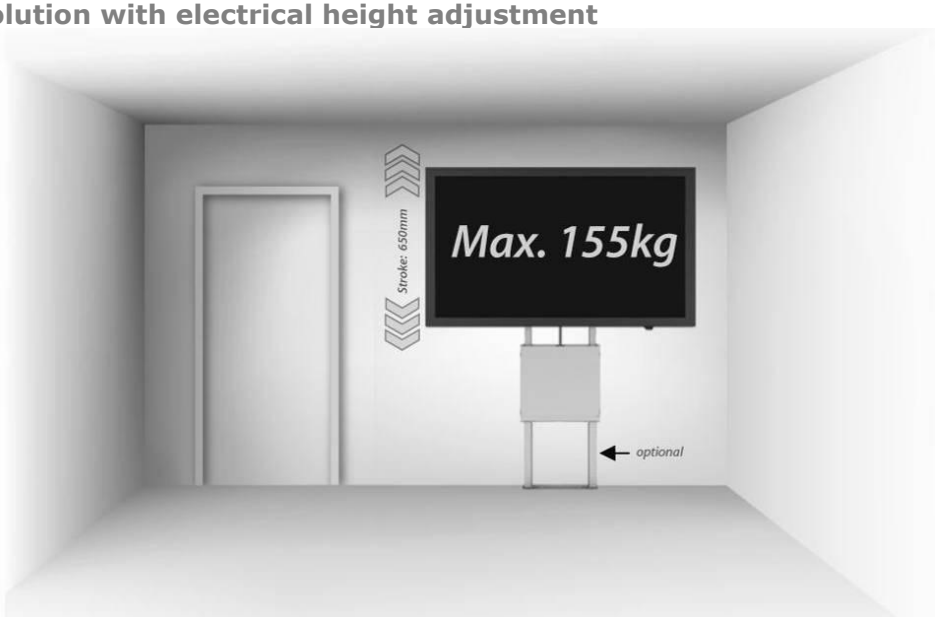
Combine these solutions with **Universal wall mounts**, as indicated by the product:

Wall solution with electrical height adjustment



This wall lift is definitely a product that has been adapted to the additional demands; it is electrically in height adjustable for a stroke of 65m for screens with a max. weight of 155kg! The wall lift can be combined with one of our universal wall mounts to realise a solution adapted to your screens demands.

Specifically for the weaker walls, we have designed a module providing additional support (optional).

Features:

- Slim and timeless design
- Functional design
- One can choose where to mount the wall lift (providing a custom height adjustment for each room)
- Continuous and silent height adjustment of 65cm
- Integrated drag chain for the cables
- Max. strain: 155kg *(possibly heavier screens can be mounted to the lift, please contact the SmartMetals team for advice)*
- Possible accessories: *Lift support* **(053.7150)**

Should be combined Universal wall mount: **052.1000/.2000/.6000**

052.7100 Wall lift for (touch-) flat screens
Max. screen weight: 155 kg

053.7150 Support for wall lift
(This provides the weight partially to be strained on the floor, which makes this solution more accessible for weaker walls. The height adjustment range for this solution is fixed: 110-174 cm)

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Stand with height adjustment (gas spring) for screens up to 70 inch (85g)

This stand is well suited for touch screens as alternative to an Interactive Whiteboard, to educational establishments. It is also ideal for flat screens in offices for presentations.

The height adjustment by a gas spring is very quick and silent in relation to the electrical versions.

Features:

- Slim, functional design
- Height adjustment by a gas spring with foot pedal of 1202-1752mm (centre screen)
- Should be combined Universal wall mount: **052.1000/.2000/.6000** (depending on VESA pattern)

062.4050 Wheeled stand with height adjustment (by gas spring) up to 65"; Max. strain: 60 kg

062.4060 Wheeled stand with height adjustment (by gas spring) up to 65"; Max. strain: 70 kg

062.4070 Wheeled stand with height adjustment (by gas spring) up to 65"; Max. strain: 80 kg

Stands with electrical height adjustment up to 50 inch (65kg) and 65 inch (90kg)

SmartMetals now offers stands with electrical height adjustment, for screens up to 50 inch or 65 inch. These come with any single construction base plate.

These stands are especially suited to educational establishments for use in combination with a touch screen as an alternative to an Interactive White Board. They are also ideal for offices in combination with a flat screen for presentations.

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Stands with electrical height adjustment (seq.)

Features:

- Slim, functional design
- Continuous and silent height adjustment from 950–1600 mm (centre of screen)
- Integrated drag chain running the cables from top column to the screen.
- Should be combined Universal wall mount: **052.1000/.2000/.6000** (depending on VESA pattern)
- Possible accessories: *Stand platform* **(063.0100)** and *Lockable media housing* **(063.0700)**

Stand configurations – Electrical

062.4100* Stand with electrical height adjustment for screens up to 50 inch.
Max. strain: 60 kg

062.4600* Wheeled stand with electrical height adjustment for screens up to 50 inch.
Max. strain: 60 kg

* Combine with Universal wall mount: **052.1000/.2000/.6000**

062.5100* Stand with electrical height adjustment for screens up to 65 inch.
Max. strain: 90 kg

O62.5600* Wheeled stand with electrical height adjustment for screens up to 65 inch.
Max. strain: 90 kg

* Combine with Universal wall mount: **052.1000/.2000/.6000**

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Wheeled stand with electrical height adjustment and tip function

This product has specifically been developed for touch screens which would be used in the table position; we call it the Tip & Touch.

This wheeled stand has electrical height adjustment from 78-146cm (centre screen); additionally a tip function is integrated. Furthermore the head of the stand contains a fixed bracket with most VESA-patterns integrated.

Touch screens up to **106kg** can be mounted to the Tip & Touch.

Example application:

Since January 1st 2010, municipal councils in the Netherlands are obliged to develop, establish and publish all their resource and development plans in a digital form.

062.7000

Before individuals were to go to the municipal offices to view a land-use plan. Now the councils announce these plans on their websites and in their offices with a stand and touch screen; to adapt to the demand to do business digitally. Visitors can now view the plans interactively.

Of course the Tip & touch could also be used as a presentation table; to interactively present, demonstrate a product, hold a brainstorm session or work together on a project. The applicability of this product is endless.

Features:

- Mobile solution (easy to move around and therefore useful for use in multiple rooms)
- Adjustable in 5 angles: 0° - 22,5° - 45° - 67,5° - 90°
- Continuous electrical height adjustment from 78-146cm
- Integrated screen bracket containing most VESA patterns
- Tip function with handle bar to ease tipping.
- Simple installation.

062.7000 Tip & Touch stand
Max. strain: 106kg *(screen & accessories)*

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Next to the Tip& Touch stand, we took up an economy version in our assortment. This stand has another base frame and a more beneficial price.

Features:

- Mobile solution
- Adjustable in 5 angles: 0° - 22,5° - 45° - 67,5° - 90°
- Continuous electrical height adjustment from 78-146cm
- Integrated screen bracket containing most VESA patterns
- Tip function with handle bar to ease tipping.
- Simple installation.

062.7050 Tip & Touch stand (economic version)
Max. strain: 106kg *(screen & accessories)*

Wheeled stand with electrical height adjustment up to 70 inch, 135kg

With the economy version of the Tip & Touch stand in mind, SmartMetals designed a stand with electrical height adjustment for the heavier/larger Touch screens up to 70 inch (135kg).

Features:

- Mobile solution
- Handles on the side ease moving it around
- Continuous & silent height adjustment from 1159-1834mm
- Integrated screen bracket containing most VESA patterns
- Simple installation.

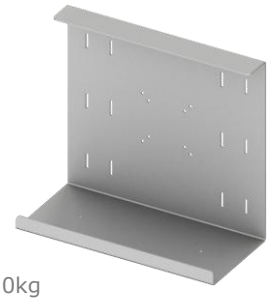
062.7200 Wheeled stand with electrical height adjustment
Up to 70 inch (economic version)
Max. strain: 135kg

Accessories (062.7000/062.7050/062.7200):

063.6030 Laptop holder with swivel arm

- Max. weight laptop 5kg
- Double swivel arm
- Mounted left or right

063.6070 PC-holder



- Max. weight PC: 10kg
- Can be mounted on the wheel frame

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Combination **062.7000 + 063.6030**

Combination: **062.7000 + 063.6070**

Doesn't your screen have a VESA pattern? For example: Focus and C touch screens; please contact the SmartMetals team for more information.

Wheeled stand with electrical height adjustment up to 85 inch, 160kg

This electrical stand is well suited for the heavier and/or larger Touch screens on the market. It adjusts 160kg in height, with ease, and is easy to move around due to its large wheel frame. Its wide footprint and functional design provide excellent stability for touching or writing on the screen.

Features:

- Mobile solution (easy to move around, and therefore useful for use in multiple rooms)
- Slim & Functional design
- Continuous & silent height adjustment from 1287-1937mm (centre screen)
- Combine with Universal screen mount: **052.6000**
- Large wheel frame provides additional stability

062.7100 Wheeled stand with electrical height adjustment up to 85"; Max. strain: 160 kg

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Smart Screen Hoister - Divisible stand with electrical height adjustment

for screens up to 85 inch, (160kg)

Since the beginning of 2010, the Smart Screen Hoister has been used a lot by rental companies who have a Panasonic 85 inch in their assortment. Our goal by the development of this solution was to stay close to our core business: making a strong, reliable solution, having the easy-installation features like all the other products in our assortment.

This fully divisible stand, with electrical height adjustment and custom screen mount, has therefore been made for screens up to 160kg. Additionally this stand comes with a custom flightcase for the screen and the stand, providing a complete solution for Rental companies.

Features:

- Fully divisible stand with electrical height adjustment
- Custom screen mount with integrated rotation function:
  for Panasonic TH-85PF12 (example)
- Slim and timeless design
- Wide footprint and functional design provide excellent stability for touching or writing on the screen.
- 3 unique integrated cable ducts
- Custom flightcase for screen and stand
- 5 year limited equipment warranty on the Smart Screen Hoister, comprising of: base plate, columns, guider, motor-unit and screen mount.

An installation instruction is provided to guarantee a professional and correct installation for this product. No tools are needed to (de-)assemble the stand and to higher the screen. Where required, parts can be easily repaired or replaced. A failed part can be sent to us as a small package. Only the motor unit contains electrical components which might interfere. All parts are therefore separately available to prevent delays during large rental projects.

062.6000 Smart Screen Hoister with matching flightcase

All parts can be found on the next page.

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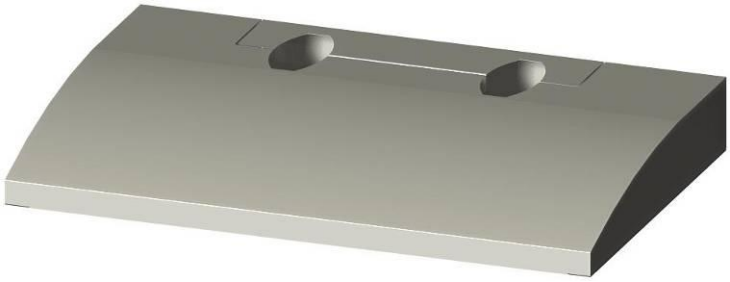
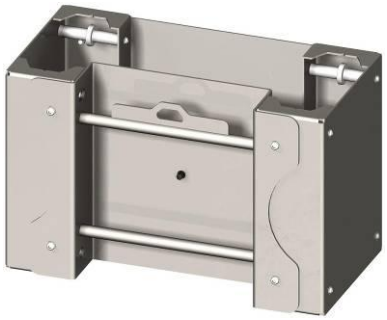
063.6010 Base Plate
Smart Screen Hoister



063.6030 Base cover
Smart Screen Hoister



063.6020 Guider
Smart Screen Hoister

063.6012 Motor-unit
Smart Screen Hoister

P85.1000 Screen mount for:
Panasonic
TH-85PF12

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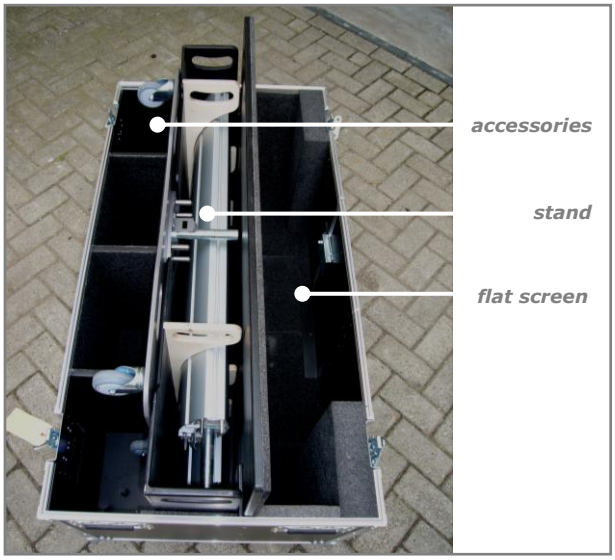
SmartMetals Mounting Solutions B.V. works together with: **Sky-Lite Holland B.V.** developing and producing custom-made flightcases and other packaging material. Recently she has developed a ***TechnoCase***® flightcase for your display and accessories by which its valuable contents are protected during transport and warehousing. It is hereby possible to order a flat screen case in which your screen incl. mount, fully divisible SmartMetals stand and other accessories are integrated.

Advantages "all in one" flightcase:

- *All materials fit in one flightcase*
- *Protection during transport and warehousing*
- *Perfect fit, tailor made*
- *Specific requirements are possible*
- *Efficient transport*
- *Time saving*

When determining the dimensions of the flightcase, we bear in mind the most sufficient layout **(see: image below).** When you inform us about the brand and type of screen you have, we help you choosing the right stand and screen mount for your application.



In the flat screen segment the screen is protected against damaging, as it is inserted in a solid partition; the partition includes a foam layer, making sure the screen has no unwanted movability. Furthermore space will be reserved for cables and other peripheral devices amongst others. The stand will be stored in a removable drawer.

A TechnoCase flightcase will be fitted with four wheels. Piling dishes can be integrated in the lid, so that multiple flightcases can be safely stored upon one another.

Hoist system

The R&D department of SmartMetals developed a hoist system, by which a screen till 90kg can be easily hoisted out of a TechnoCase flightcase on to a SmartMetals stand. All this by just 1 person! This hoist system can afterwards be taken down from the stand and used for other installations (provided that additional hoist plates, roller bars and mounting bars have been ordered).

May you wish to know any more about this system or its flightcase? Please do not hesitate to contact us or any of our distributors via phone or e-mail.

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